



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

Serving the People of California

May 1991

FEBRUARY 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into seven sets of tables by state and region: Wage and Salary Workers (Table A), Agricultural Production Workers (Table B), Average Weekly Earnings of Production Workers (Table C), Average Hours Worked by Production Workers (Table D), and Average Hourly Earnings of Production Workers (Table E).

Total employment of 276,000 in agriculture for February 1991 (Table 1-A) was two percent below the January 1991 level, but was four percent above the year-ago total. The San Joaquin Valley Region accounted for the month-over decline which was concentrated in employment by Farm Labor Contractors and in Grapes. This decline was partially offset by small gains in the other regions.

Wage and Salary Workers in Agricultural Establishments For February 1991 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	276.0	113.3	56.9	33.6	44.2	20.6	11.7
Total Crops	148.4	58.6	36.6	20.5	11.7	14.2	8.5
Total Livestock	26.3	13.4	2.7	1.2	5.5	1.9	1.9
Total Services	101.3	41.3	17.6	11.9	27.0	4.5	1.3

Source: Tables 1-A through 7-A, February 1991.

Regional Crop Activities.

The major year-over change was in Farm Labor Contractors where gains more than offset losses in the crop production industries. The Desert and South Coast Regions accounted for most of the increase in Farm Labor Contractor employment. In contrast these same regions employed fewer in Vegetable and Melon production. This shift in employment indicates that farm employers are hiring fewer people directly and are indirectly hiring workers through Farm Labor Contractors. (Tables 2-A through 6-A).

According to the California Farm Labor Report (881A), the major regional crop activities during February were:

- Desert : Lettuce, broccoli, cauliflower and asparagus (harvest).
- South Coast: Horticulture (harvest), avocados, lemons and tomatoes (harvest), other Vegetables (plant, cultivate and harvest).
- Central Coast: Horticulture (plant, cultivate and harvest), Grapes (prune and tie).
- North Coast: Grapes (prune).
- San Joaquin Valley: Orchards (prune), Grapes (prune and tie), Vegetables, misc (plant, cultivate and harvest).
- Sacramento Valley: Orchards (prune).

Agricultural Production Workers.

Statewide agricultural production worker employment in February (Table 1-B) was one percent below the January level, and totaled 245,900.

Average weekly earnings for agricultural production workers were \$258.16 statewide and ranged from \$221.55 in the Desert Region to \$292.45 in the North Coast Region. The major industry category with the highest earnings, statewide, is Livestock Production. (See Tables 1-C through 7-C.)

Statewide, the average hours worked by agricultural production workers were 40.4, with a low of 35.0 hours in the Desert Region and a high of 42.0 hours in the San Joaquin Valley Region. (See Tables 1-D through 7D.)

Average Hourly Earnings of Production Workers

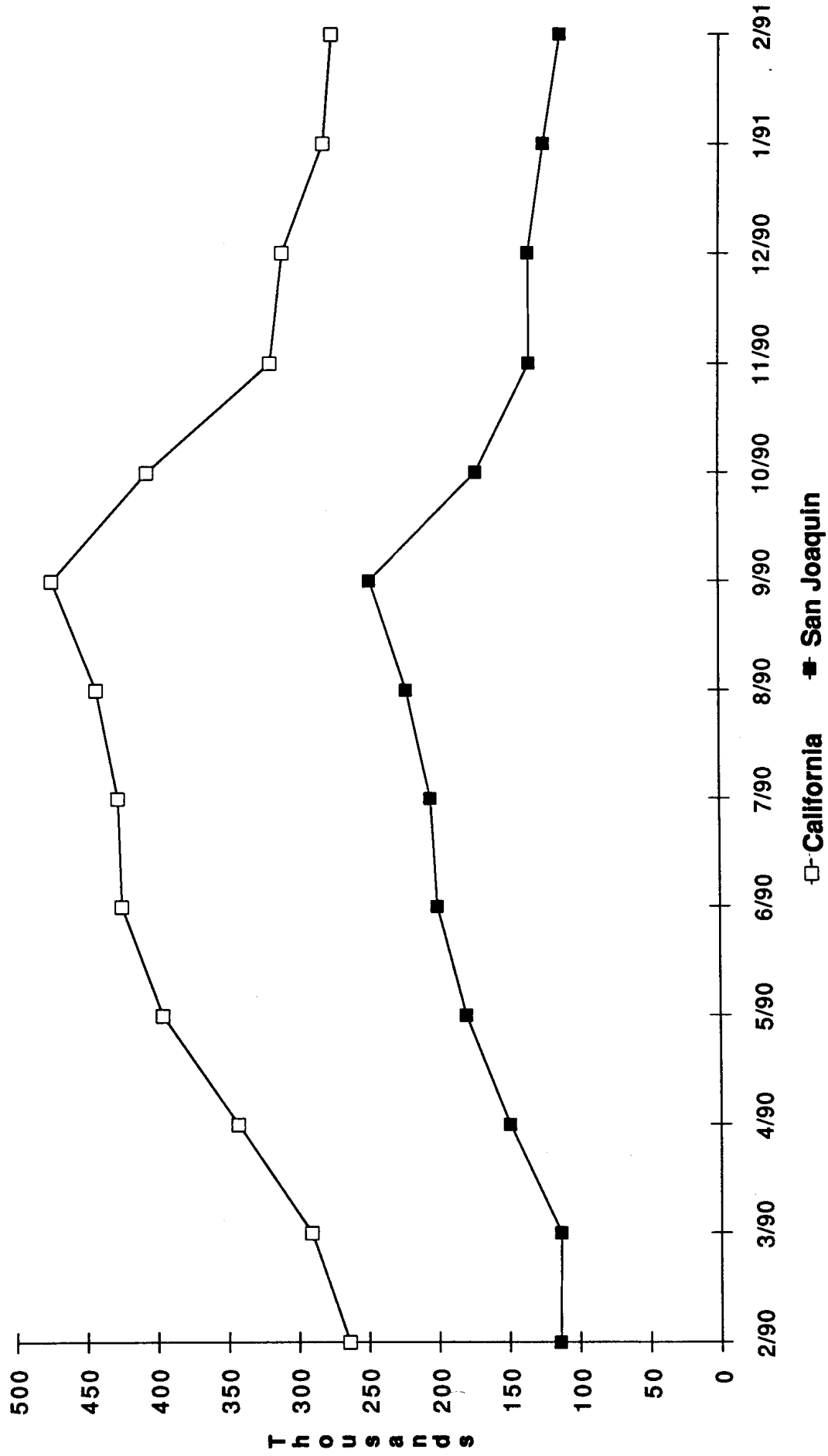
For February 1991

(In Dollars per Hour)

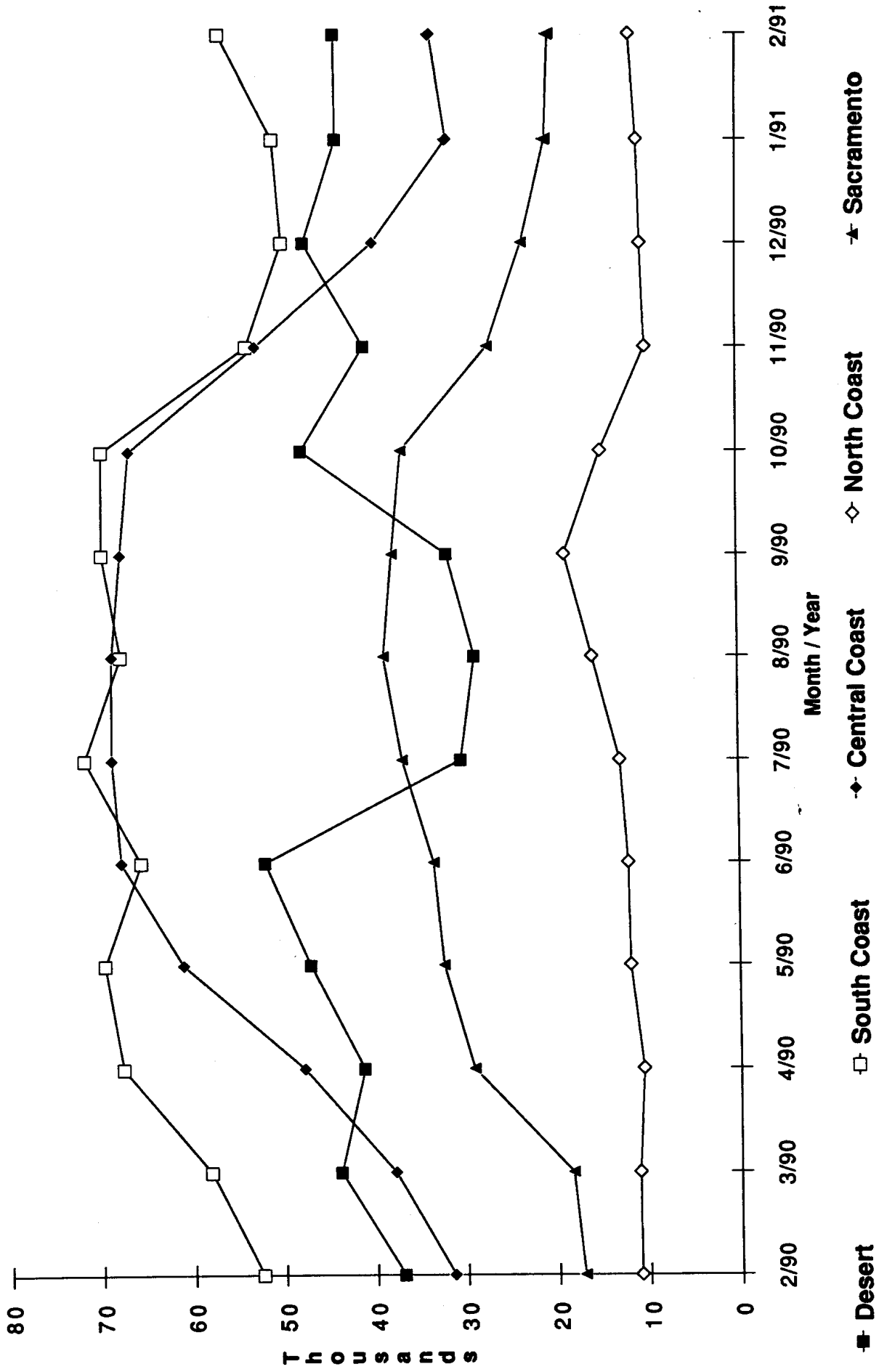
Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.39	6.11	6.49	7.17	6.33	6.14	7.03
Total Crops	6.20	5.88	6.36	6.94	6.09	6.02	6.96
Total Livestock	7.16	6.96	6.11	7.73	8.18	7.47	6.84
Total Services	6.46	6.13	6.81	7.62	5.91	5.86	7.70

Source: Tables 1-E through 7-E, February 1991.

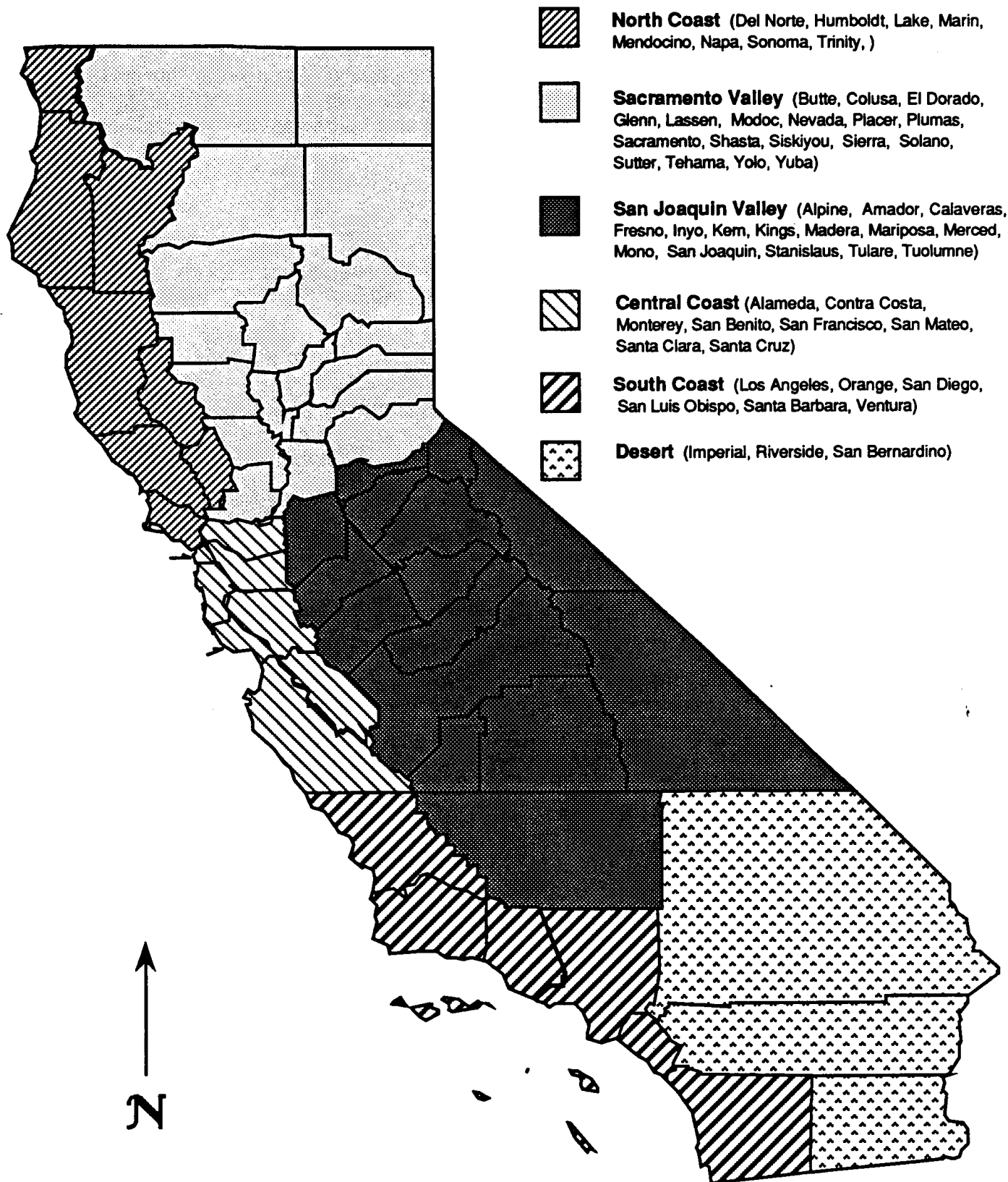
TOTAL WAGE & SALARY EMPLOYMENT
California and San Joaquin Region



TOTAL WAGE & SALARY EMPLOYMENT **All Regions except San Joaquin**



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



DATA SOURCES:

The data obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period. Since the full employer sample was not complete prior to October 1990, the data for production workers employment, earnings and hours are not yet available for year-over comparison.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Wage and salary workers are all employees receiving compensation from the employer.
- Production workers are employees engaged in commodity production and exclude managers, supervisors, office, sales and other staff not involved in production.
- Average hours and earnings are based on full-time and part-time production worker data.
- Average weekly earnings include overtime pay and premium wages. These are gross earnings before deductions and exclude the value of housing and meals.
- It is important to note that average hourly earnings are not hourly wage rates; they are gross earnings of production workers divided by total hours for production workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a new monthly sampling project: the Current Employment Statistics for Agriculture. Therefore estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered, and in the definition of workers.

If you wish to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 427-4961 and request placement on the mailing list. ATSS 8-466-4961.

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	276.0	282.3	264.0
TOTAL FIELD CROPS	148.4	149.3	149.2
TOTAL CASH GRAIN	2.3	2.2	2.1
RICE	1.1	1.1	1.0
OTHER CASH GRAIN	1.2	1.1	1.1
FIELD CROPS EXCEPT CASH GRAIN	8.8	8.1	8.7
COTTON	5.0	4.6	5.1
OTHER FIELD CROPS	3.8	3.5	3.6
VEGETABLES AND MELONS	19.9	17.7	21.6
TOTAL FRUIT AND TREE NUTS	63.4	65.2	63.7
BERRIES	8.8	4.6	9.3
GRAPES	25.9	30.3	26.0
TREE NUTS	5.6	5.5	5.0
CITRUS FRUITS	5.0	5.0	5.9
DECIDUOUS TREE FRUIT	9.5	10.5	9.2
OTHER FRUITS AND NUTS	8.6	9.3	8.3
TOTAL HORTICULTURAL SPECIALTIES	29.8	33.1	31.0
ORNAMENTAL FLORAL & NURS PRD	27.0	30.0	27.6
FOOD CROPS GROWN UNDR COVER	2.8	3.1	3.4
GENERAL FARM PRIMARILY CROP	24.2	23.0	22.1
TOTAL AGRIC. PRODD. LIVESTOCK	26.3	26.6	26.1
BEEF CATTLE FEED LOTS	0.9	0.9	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.6	3.7
DAIRY FARMS	12.1	12.3	12.0
CHICKEN EGGS	3.3	3.6	3.4
TURKEYS & TURKEY EGGS	1.3	1.3	1.3
OTHER LIVESTOCK	5.0	4.9	4.9
TOTAL AGRICULTURAL SERVICES	101.3	106.4	88.7
SOIL PREPARATION SERVICES	0.9	0.9	0.8
CROP SERVICES	36.0	37.7	34.8
CROP PLANT-CULT-PROTECTION	4.4	4.1	4.4
CROP HARVEST PRIM. MACHINE	6.2	6.4	5.2
CROP PREP. SERV. FOR MARKET	24.5	26.3	24.4
COTTON GINNING	0.9	0.9	0.8
TOTAL FARM LABOR & MANAGEMENT	64.4	67.8	53.1
FARM LABOR CONTRACTORS	57.8	61.6	46.0
FARM MANAGEMENT SERVICES	6.6	6.2	7.1

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	245.9	248.6
TOTAL FIELD CROPS	130.1	129.1
TOTAL CASH GRAIN	1.9	1.7
RICE	0.9	0.8
OTHER CASH GRAIN	1.0	0.9
FIELD CROPS EXCEPT CASH GRAIN	7.7	7.0
COTTON	4.5	4.1
OTHER FIELD CROPS	3.2	2.9
VEGETABLES AND MELONS	18.0	15.9
TOTAL FRUIT AND TREE NUTS	57.8	59.4
BERRIES	8.4	4.2
GRAPES	23.4	27.7
TREE NUTS	4.9	4.8
CITRUS FRUITS	4.8	4.7
DECIDUOUS TREE FRUIT	8.3	9.3
OTHER FRUITS AND NUTS	8.0	8.7
TOTAL HORTICULTURAL SPECIALTIES	23.9	25.9
ORNAMENTAL FLORAL & NURS PRD	21.5	23.6
FOOD CROPS GROWN UNDR COVER	2.4	2.3
GENERAL FARM PRIMARILY CROP	20.8	19.2
TOTAL AGRIC. PROD. LIVESTOCK	22.0	22.1
BEEF CATTLE FEED LOTS	0.7	0.7
BEEF CATTLE EXCEPT FEED LOTS	2.9	2.8
DAIRY FARMS	11.2	11.6
CHICKEN EGGS	2.5	2.4
TURKEYS & TURKEY EGGS	0.8	0.8
OTHER LIVESTOCK	3.9	3.8
TOTAL AGRICULTURAL SERVICES	93.8	97.4
SOIL PREPARATION SERVICES	0.7	0.6
CROP SERVICES	30.8	31.4
CROP PLANT-CULT-PROTECTION	3.4	3.1
CROP HARVEST PRIM. MACHINE	5.7	5.9
CROP PREP. SERV. FOR MARKET	21.1	21.8
COTTON GINNING	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	62.3	65.4
FARM LABOR CONTRACTORS	56.6	60.2
FARM MANAGEMENT SERVICES	5.7	5.2

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	258.16	241.30
TOTAL FIELD CROPS	262.88	246.71
TOTAL CASH GRAIN	319.78	322.14
RICE	390.03	341.50
OTHER CASH GRAIN	261.12	304.88
FIELD CROPS EXCEPT CASH GRAIN	300.49	293.46
COTTON	312.31	299.48
OTHER FIELD CROPS	283.65	284.58
VEGETABLES AND MELONS	277.69	250.43
TOTAL FRUIT AND TREE NUTS	241.79	232.02
BERRIES	191.86	193.23
GRAPES	257.13	237.20
TREE NUTS	252.88	235.76
CITRUS FRUITS	274.68	234.13
DECIDUOUS TREE FRUIT	227.36	232.40
OTHER FRUITS AND NUTS	238.40	229.59
TOTAL HORTICULTURAL SPECIALTIES	291.00	267.56
ORNAMENTAL FLORAL & NURS PRD	285.93	262.26
FOOD CROPS GROWN UNDR COVER	339.04	324.48
GENERAL FARM PRIMARILY CROP	256.43	237.74
TOTAL AGRIC. PROD. LIVESTOCK	340.82	335.21
BEEF CATTLE FEED LOTS	370.33	339.85
BEEF CATTLE EXCEPT FEED LOTS	331.79	328.68
DAIRY FARMS	361.35	353.08
CHICKEN EGGS	284.80	287.36
TURKEYS & TURKEY EGGS	348.48	339.66
OTHER LIVESTOCK	314.71	314.06
TOTAL AGRICULTURAL SERVICES	231.91	212.50
SOIL PREPARATION SERVICES	492.87	473.11
CROP SERVICES	252.79	236.80
CROP PLANT-CULT-PROTECTION	278.08	251.62
CROP HARVEST PRIM. MACHINE	227.77	224.11
CROP PREP. SERV. FOR MARKET	253.27	236.16
COTTON GINNING	330.37	300.27
TOTAL FARM LABOR & MANAGEMENT	218.61	198.53
FARM LABOR CONTRACTORS	214.15	193.52
FARM MANAGEMENT SERVICES	262.68	258.12

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	40.4	38.0
TOTAL FIELD CROPS	42.4	39.6
TOTAL CASH GRAIN	47.8	45.5
RICE	56.2	45.9
OTHER CASH GRAIN	40.8	45.1
FIELD CROPS EXCEPT CASH GRAIN	46.3	43.8
COTTON	46.2	42.3
OTHER FIELD CROPS	46.5	45.9
VEGETABLES AND MELONS	43.8	39.5
TOTAL FRUIT AND TREE NUTS	40.5	38.8
BERRIES	36.2	33.9
GRAPES	42.5	40.0
TREE NUTS	43.6	40.3
CITRUS FRUITS	36.0	33.4
DECIDUOUS TREE FRUIT	40.6	41.5
OTHER FRUITS AND NUTS	39.8	36.5
TOTAL HORTICULTURAL SPECIALTIES	44.7	41.1
ORNAMENTAL FLORAL & NURS PRD	45.1	41.3
FOOD CROPS GROWN UNDR COVER	41.6	39.0
GENERAL FARM PRIMARILY CROP	41.9	38.1
TOTAL AGRIC. PROD. LIVESTOCK	47.6	46.3
BEEF CATTLE FEED LOTS	54.3	50.2
BEEF CATTLE EXCEPT FEED LOTS	46.6	41.5
DAIRY FARMS	49.5	48.5
CHICKEN EGGS	44.5	44.9
TURKEYS & TURKEY EGGS	57.6	56.8
OTHER LIVESTOCK	41.3	41.0
TOTAL AGRICULTURAL SERVICES	35.9	34.0
SOIL PREPARATION SERVICES	52.1	50.6
CROP SERVICES	37.9	36.6
CROP PLANT-CULT-PROTECTION	44.0	39.5
CROP HARVEST PRIM. MACHINE	32.4	33.7
CROP PREP. SERV. FOR MARKET	38.2	36.9
COTTON GINNING	46.4	37.3
TOTAL FARM LABOR & MANAGEMENT	34.7	32.6
FARM LABOR CONTRACTORS	34.1	32.2
FARM MANAGEMENT SERVICES	40.6	37.3

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	6.39	6.35
TOTAL FIELD CROPS	6.20	6.23
TOTAL CASH GRAIN	6.69	7.08
RICE	6.94	7.44
OTHER CASH GRAIN	6.40	6.76
FIELD CROPS EXCEPT CASH GRAIN	6.49	6.70
COTTON	6.76	7.08
OTHER FIELD CROPS	6.10	6.20
VEGETABLES AND MELONS	6.34	6.34
TOTAL FRUIT AND TREE NUTS	5.97	5.98
BERRIES	5.30	5.70
GRAPES	6.05	5.93
TREE NUTS	5.80	5.85
CITRUS FRUITS	7.63	7.01
DECIDUOUS TREE FRUIT	5.60	5.60
OTHER FRUITS AND NUTS	5.99	6.29
TOTAL HORTICULTURAL SPECIALTIES	6.51	6.51
ORNAMENTAL FLORAL & NURS PRD	6.34	6.35
FOOD CROPS GROWN UNDR COVER	8.15	8.32
GENERAL FARM PRIMARILY CROP	6.12	6.24
TOTAL AGRIC. PROD. LIVESTOCK	7.16	7.24
BEEF CATTLE FEED LOTS	6.82	6.77
BEEF CATTLE EXCEPT FEED LOTS	7.12	7.92
DAIRY FARMS	7.30	7.28
CHICKEN EGGS	6.40	6.40
TURKEYS & TURKEY EGGS	6.05	5.98
OTHER LIVESTOCK	7.62	7.66
TOTAL AGRICULTURAL SERVICES	6.46	6.25
SOIL PREPARATION SERVICES	9.46	9.35
CROP SERVICES	6.67	6.47
CROP PLANT-CULT-PROTECTION	6.32	6.37
CROP HARVEST PRIM. MACHINE	7.03	6.65
CROP PREP. SERV. FOR MARKET	6.63	6.40
COTTON GINNING	7.12	8.05
TOTAL FARM LABOR & MANAGEMENT	6.30	6.09
FARM LABOR CONTRACTORS	6.28	6.01
FARM MANAGEMENT SERVICES	6.47	6.92

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	113.3	125.4	114.2
TOTAL AGRIC. PROD. CROPS	58.6	63.4	57.0
TOTAL FIELD CROPS	6.9	6.2	6.9
COTTON	4.6	4.2	4.7
OTHER FIELD CROPS	2.3	2.0	2.2
VEGETABLES AND MELONS	4.3	3.6	2.7
TOTAL FRUIT AND TREE NUTS	32.0	35.8	32.2
GRAPES	16.5	19.0	17.2
TREE NUTS	3.4	3.4	3.2
CITRUS FRUITS	2.1	2.1	3.0
DECIDUOUS TREE FRUIT	5.1	5.8	4.7
OTHER FRUITS AND NUTS	4.9	5.5	4.1
HORTICULTURAL SPECIALTIES	2.7	4.5	2.8
GENERAL FARM PRIMARILY CROP	12.7	13.3	12.4
TOTAL AGRIC. PROD. LIVESTOCK	13.4	13.4	13.1
BEEF CATTLE FEED LOTS	0.4	0.4	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3	1.4
DAIRY FARMS	7.6	7.7	7.4
POULTRY & EGGS	3.0	3.0	2.9
OTHER LIVESTOCK	1.1	1.0	1.1
TOTAL AGRICULTURAL SERVICES	41.3	48.6	44.1
CROP SERVICES	12.7	13.9	16.8
CROP PLANT-CULT-PROTECTION	2.6	2.5	2.8
CROP HARVEST PRIM. MACHINE	1.9	1.5	1.7
CROP PREP. SERV. FOR MARKET	7.3	9.1	11.5
COTTON GINNING	0.9	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	28.6	34.7	27.3
FARM LABOR CONTRACTORS	26.2	32.5	23.7
FARM MANAGEMENT SERVICES	2.4	2.2	3.6

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	101.0	111.5
TOTAL AGRIC. PROD. CROPS	51.4	55.2
TOTAL FIELD CROPS	5.8	5.2
COTTON	4.0	3.7
OTHER FIELD CROPS	1.8	1.5
VEGETABLES AND MELONS	4.1	3.3
TOTAL FRUIT AND TREE NUTS	29.3	33.0
GRAPES	15.4	17.8
TREE NUTS	3.0	2.9
CITRUS FRUITS	1.9	1.9
DECIDUOUS TREE FRUIT	4.5	5.2
OTHER FRUITS AND NUTS	4.5	5.2
HORTICULTURAL SPECIALTIES	1.9	3.1
GENERAL FARM PRIMARILY CROP	10.3	10.6
TOTAL AGRIC. PROD. LIVESTOCK	12.1	12.0
BEEF CATTLE FEED LOTS	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.1
DAIRY FARMS	7.1	7.2
POULTRY & EGGS	2.5	2.5
OTHER LIVESTOCK	1.0	0.9
TOTAL AGRICULTURAL SERVICES	37.5	44.3
CROP SERVICES	9.7	10.5
CROP PLANT-CULT-PROTECTION	1.9	1.8
CROP HARVEST PRIM. MACHINE	1.7	1.3
CROP PREP. SERV. FOR MARKET	5.5	6.9
COTTON GINNING	0.6	0.5
TOTAL FARM LABOR & MANAGEMENT	27.8	33.8
FARM LABOR CONTRACTORS	25.7	31.9
FARM MANAGEMENT SERVICES	2.1	1.9

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	256.62	239.79
TOTAL AGRIC. PROD. CROPS	253.43	236.41
TOTAL FIELD CROPS	314.55	310.80
COTTON	311.45	301.73
OTHER FIELD CROPS	321.30	331.33
VEGETABLES AND MELONS	212.91	188.82
TOTAL FRUIT AND TREE NUTS	244.07	226.78
GRAPES	255.92	236.80
TREE NUTS	255.68	237.37
CITRUS FRUITS	224.35	164.96
DECIDUOUS TREE FRUIT	232.29	243.62
OTHER FRUITS AND NUTS	216.07	192.60
HORTICULTURAL SPECIALTIES	287.09	283.62
GENERAL FARM PRIMARILY CROP	253.21	228.69
TOTAL AGRIC. PROD. LIVESTOCK	340.34	347.90
BEEF CATTLE FEED LOTS	377.77	321.44
BEEF CATTLE EXCEPT FEED LOTS	360.82	368.46
DAIRY FARMS	350.50	342.72
POULTRY & EGGS	297.98	318.71
OTHER LIVESTOCK	336.81	336.11
TOTAL AGRICULTURAL SERVICES	235.39	213.90
CROP SERVICES	262.20	244.99
CROP PLANT-CULT-PROTECTION	285.63	288.38
CROP HARVEST PRIM. MACHINE	316.10	345.83
CROP PREP. SERV. FOR MARKET	228.04	209.99
COTTON GINNING	345.59	309.64
TOTAL FARM LABOR & MANAGEMENT	226.20	204.57
FARM LABOR CONTRACTORS	221.86	199.25
FARM MANAGEMENT SERVICES	283.34	291.94

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	42.0	39.7
TOTAL AGRIC. PROD. CROPS	43.1	39.6
TOTAL FIELD CROPS	47.3	44.4
COTTON	45.6	42.2
OTHER FIELD CROPS	51.0	49.6
VEGETABLES AND MELONS	43.1	38.3
TOTAL FRUIT AND TREE NUTS	42.3	39.1
GRAPES	44.2	40.0
TREE NUTS	42.9	39.3
CITRUS FRUITS	27.8	23.6
DECIDUOUS TREE FRUIT	42.7	44.7
OTHER FRUITS AND NUTS	41.0	35.8
HORTICULTURAL SPECIALTIES	44.1	43.5
GENERAL FARM PRIMARILY CROP	42.7	37.8
TOTAL AGRIC. PROD. LIVESTOCK	48.9	49.0
BEEF CATTLE FEED LOTS	55.8	49.3
BEEF CATTLE EXCEPT FEED LOTS	49.7	46.7
DAIRY FARMS	50.0	49.1
POULTRY & EGGS	43.5	43.9
OTHER LIVESTOCK	51.5	49.5
TOTAL AGRICULTURAL SERVICES	38.4	37.2
CROP SERVICES	40.4	39.9
CROP PLANT-CULT-PROTECTION	44.7	45.2
CROP HARVEST PRIM. MACHINE	43.6	48.3
CROP PREP. SERV. FOR MARKET	36.9	37.1
COTTON GINNING	49.3	37.9
TOTAL FARM LABOR & MANAGEMENT	37.7	36.4
FARM LABOR CONTRACTORS	37.1	35.9
FARM MANAGEMENT SERVICES	45.7	44.3

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	6.11	6.04
TOTAL AGRIC. PROD. CROPS	5.88	5.97
TOTAL FIELD CROPS	6.65	7.00
COTTON	6.83	7.15
OTHER FIELD CROPS	6.30	6.68
VEGETABLES AND MELONS	4.94	4.93
TOTAL FRUIT AND TREE NUTS	5.77	5.80
GRAPES	5.79	5.92
TREE NUTS	5.96	6.04
CITRUS FRUITS	8.07	6.99
DECIDUOUS TREE FRUIT	5.44	5.45
OTHER FRUITS AND NUTS	5.27	5.38
HORTICULTURAL SPECIALTIES	6.51	6.52
GENERAL FARM PRIMARILY CROP	5.93	6.05
TOTAL AGRIC. PROD. LIVESTOCK	6.96	7.10
BEEF CATTLE FEED LOTS	6.77	6.52
BEEF CATTLE EXCEPT FEED LOTS	7.26	7.89
DAIRY FARMS	7.01	6.98
POULTRY & EGGS	6.85	7.26
OTHER LIVESTOCK	6.54	6.79
TOTAL AGRICULTURAL SERVICES	6.13	5.75
CROP SERVICES	6.49	6.14
CROP PLANT-CULT-PROTECTION	6.39	6.38
CROP HARVEST PRIM. MACHINE	7.25	7.16
CROP PREP. SERV. FOR MARKET	6.18	5.66
COTTON GINNING	7.01	8.17
TOTAL FARM LABOR & MANAGEMENT	6.00	5.62
FARM LABOR CONTRACTORS	5.98	5.55
FARM MANAGEMENT SERVICES	6.20	6.59

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	56.9	50.5	52.6
TOTAL AGRIC. PROD. CROPS	36.6	32.2	39.0
VEGETABLES AND MELONS	8.2	7.2	9.2
TOTAL FRUIT AND TREE NUTS	10.9	8.0	11.9
BERRIES	5.6	3.0	7.1
GRAPES	1.2	1.2	0.9
CITRUS FRUITS	1.8	1.7	1.8
OTHER FRUITS AND NUTS	2.3	2.1	2.1
TOTAL HORTICULTURAL SPECIALTIES	14.8	14.6	15.3
ORNAMENTAL FLORAL & NURS PRD	14.3	13.8	14.5
FOOD CROPS GROWN UNDR COVER	0.5	0.8	0.8
GENERAL FARM PRIMARILY CROP	2.7	2.4	2.6
TOTAL AGRIC. PROD. LIVESTOCK	2.7	2.7	2.7
TOTAL AGRICULTURAL SERVICES	17.6	15.6	10.9
CROP SERVICES	4.6	3.9	3.7
CROP HARVEST PRIM. MACHINE	1.9	1.7	1.1
CROP PREP. SERV. FOR MARKET	2.7	2.2	2.6
TOTAL FARM LABOR & MANAGEMENT	13.0	11.7	7.2
FARM LABOR CONTRACTORS	11.9	10.7	6.3
FARM MANAGEMENT SERVICES	1.1	1.0	0.9

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	49.5	42.3
TOTAL AGRIC. PROD. CROPS	31.2	26.3
VEGETABLES AND MELONS	6.5	5.5
TOTAL FRUIT AND TREE NUTS	10.2	7.2
BERRIES	5.3	2.8
GRAPES	1.1	1.0
CITRUS FRUITS	1.7	1.5
OTHER FRUITS AND NUTS	2.1	1.9
TOTAL HORTICULTURAL SPECIALTIES	12.0	11.4
ORNAMENTAL FLORAL & NURS PRD	11.6	11.0
FOOD CROPS GROWN UNDR COVER	0.4	0.4
GENERAL FARM PRIMARILY CROP	2.5	2.2
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.0
TOTAL AGRICULTURAL SERVICES	16.2	14.0
CROP SERVICES	4.0	3.2
CROP HARVEST PRIM. MACHINE	1.8	1.6
CROP PREP. SERV. FOR MARKET	2.2	1.6
TOTAL FARM LABOR & MANAGEMENT	12.2	10.8
FARM LABOR CONTRACTORS	11.4	10.1
FARM MANAGEMENT SERVICES	0.8	0.7

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	270.63	251.16
TOTAL AGRIC. PROD. CROPS	274.12	258.32
VEGETABLES AND MELONS	324.54	274.06
TOTAL FRUIT AND TREE NUTS	227.18	230.05
BERRIES	188.19	192.54
GRAPES	297.72	306.04
CITRUS FRUITS	289.87	254.53
OTHER FRUITS AND NUTS	240.80	224.48
TOTAL HORTICULTURAL SPECIALTIES	283.92	263.13
ORNAMENTAL FLORAL & NURS PRD	283.04	261.41
FOOD CROPS GROWN UNDR COVER	295.12	310.98
GENERAL FARM PRIMARILY CROP	289.51	265.87
TOTAL AGRIC. PROD. LIVESTOCK	256.62	360.05
TOTAL AGRICULTURAL SERVICES	265.59	222.10
CROP SERVICES	263.10	254.04
CROP HARVEST PRIM. MACHINE	254.69	262.40
CROP PREP. SERV. FOR MARKET	270.36	247.02
TOTAL FARM LABOR & MANAGEMENT	266.78	212.82
FARM LABOR CONTRACTORS	268.80	213.50
FARM MANAGEMENT SERVICES	237.50	209.20

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	41.7	38.7
TOTAL AGRIC. PROD. CROPS	43.1	40.3
VEGETABLES AND MELONS	46.1	38.6
TOTAL FRUIT AND TREE NUTS	38.9	37.9
BERRIES	36.9	35.2
GRAPES	43.4	46.3
CITRUS FRUITS	41.0	38.8
OTHER FRUITS AND NUTS	40.0	36.5
TOTAL HORTICULTURAL SPECIALTIES	45.5	42.1
ORNAMENTAL FLORAL & NURS PRD	45.8	42.3
FOOD CROPS GROWN UNDR COVER	36.3	36.5
GENERAL FARM PRIMARILY CROP	41.3	38.2
TOTAL AGRIC. PROD. LIVESTOCK	42.0	56.7
TOTAL AGRICULTURAL SERVICES	39.0	33.1
CROP SERVICES	36.9	36.5
CROP HARVEST PRIM. MACHINE	33.6	34.3
CROP PREP. SERV. FOR MARKET	39.7	38.9
TOTAL FARM LABOR & MANAGEMENT	39.7	32.1
FARM LABOR CONTRACTORS	40.0	32.3
FARM MANAGEMENT SERVICES	35.5	30.1

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	6.49	6.49
TOTAL AGRIC. PROD. CROPS	6.36	6.41
VEGETABLES AND MELONS	7.04	7.10
TOTAL FRUIT AND TREE NUTS	5.84	6.07
BERRIES	5.10	5.47
GRAPES	6.86	6.61
CITRUS FRUITS	7.07	6.56
OTHER FRUITS AND NUTS	6.02	6.15
TOTAL HORTICULTURAL SPECIALTIES	6.24	6.25
ORNAMENTAL FLORAL & NURS PRD	6.18	6.18
FOOD CROPS GROWN UNDR COVER	8.13	8.52
GENERAL FARM PRIMARILY CROP	7.01	6.96
TOTAL AGRIC. PROD. LIVESTOCK	6.11	6.35
TOTAL AGRICULTURAL SERVICES	6.81	6.71
CROP SERVICES	7.13	6.96
CROP HARVEST PRIM. MACHINE	7.58	7.65
CROP PREP. SERV. FOR MARKET	6.81	6.35
TOTAL FARM LABOR & MANAGEMENT	6.72	6.63
FARM LABOR CONTRACTORS	6.72	6.61
FARM MANAGEMENT SERVICES	6.69	6.95

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	33.6	31.8	31.2
TOTAL AGRIC. PROD. CROPS	20.5	18.3	20.0
VEGETABLES AND MELONS	4.7	4.3	4.6
TOTAL FRUIT AND TREE NUTS	5.3	4.2	5.0
BERRIES	2.5	1.2	2.1
GRAPES	1.5	1.4	1.6
DECIDUOUS TREE FRUIT	0.7	1.0	0.7
OTHER FRUITS AND NUTS	0.6	0.6	0.6
TOTAL HORTICULTURAL SPECIALTIES	8.8	8.5	9.0
ORNAMENTAL FLORAL & NURS PRD	6.7	6.4	6.9
FOOD CROPS GROWN UNDR COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	1.7	1.3	1.4
TOTAL AGRIC. PROD. LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	11.9	12.3	10.0
CROP SERVICES	6.7	7.8	6.3
CROP HARVEST PRIM. MACHINE	2.8	2.8	2.3
CROP PREP. SERV. FOR MARKET	3.9	5.0	4.0
TOTAL FARM LABOR & MANAGEMENT	5.2	4.5	3.7
FARM LABOR CONTRACTORS	4.7	4.0	3.1
FARM MANAGEMENT SERVICES	0.5	0.5	0.6

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	29.5	27.1
TOTAL AGRIC. PROD. CROPS	17.5	15.2
VEGETABLES AND MELONS	4.1	3.6
TOTAL FRUIT AND TREE NUTS	4.7	3.6
BERRIES	2.3	1.0
GRAPES	1.2	1.2
DECIDUOUS TREE FRUIT	0.6	0.8
OTHER FRUITS AND NUTS	0.6	0.6
TOTAL HORTICULTURAL SPECIALTIES	7.2	6.8
ORNAMENTAL FLORAL & NURS PRD	5.3	5.0
FOOD CROPS GROWN UNDR COVER	1.9	1.8
GENERAL FARM PRIMARILY CROP	1.5	1.2
TOTAL AGRIC. PROD. LIVESTOCK	0.9	0.9
TOTAL AGRICULTURAL SERVICES	11.1	11.0
CROP SERVICES	6.0	6.7
CROP HARVEST PRIM. MACHINE	2.4	2.5
CROP PREP. SERV. FOR MARKET	3.6	4.2
TOTAL FARM LABOR & MANAGEMENT	5.1	4.3
FARM LABOR CONTRACTORS	4.6	3.9
FARM MANAGEMENT SERVICES	0.5	0.4

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	278.91	269.33
TOTAL AGRIC. PROD. CROPS	300.50	285.60
VEGETABLES AND MELONS	293.90	284.14
TOTAL FRUIT AND TREE NUTS	257.87	271.87
BERRIES	211.91	219.78
GRAPES	329.73	342.27
DECIDUOUS TREE FRUIT	206.70	213.93
OTHER FRUITS AND NUTS	339.52	305.14
TOTAL HORTICULTURAL SPECIALTIES	333.41	297.97
ORNAMENTAL FLORAL & NURS PRD	305.69	269.58
FOOD CROPS GROWN UNDR COVER	413.93	374.07
GENERAL FARM PRIMARILY CROP	296.82	261.80
TOTAL AGRIC. PROD. LIVESTOCK	335.48	423.75
TOTAL AGRICULTURAL SERVICES	240.79	234.86
CROP SERVICES	258.48	240.85
CROP HARVEST PRIM. MACHINE	243.31	192.19
CROP PREP. SERV. FOR MARKET	268.13	249.80
TOTAL FARM LABOR & MANAGEMENT	219.41	225.71
FARM LABOR CONTRACTORS	212.42	205.90
FARM MANAGEMENT SERVICES	288.43	397.16

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	38.9	37.2
TOTAL AGRIC. PROD. CROPS	43.3	40.8
VEGETABLES AND MELONS	43.8	42.6
TOTAL FRUIT AND TREE NUTS	37.7	38.4
BERRIES	36.1	33.2
GRAPES	39.3	42.1
DECIDUOUS TREE FRUIT	35.7	37.4
OTHER FRUITS AND NUTS	42.6	41.8
TOTAL HORTICULTURAL SPECIALTIES	46.5	41.5
ORNAMENTAL FLORAL & NURS PRD	45.9	40.6
FOOD CROPS GROWN UNDR COVER	48.3	43.7
GENERAL FARM PRIMARILY CROP	44.5	38.9
TOTAL AGRIC. PROD. LIVESTOCK	43.4	56.5
TOTAL AGRICULTURAL SERVICES	31.6	30.7
CROP SERVICES	33.7	31.9
CROP HARVEST PRIM. MACHINE	33.7	28.9
CROP PREP. SERV. FOR MARKET	33.6	31.5
TOTAL FARM LABOR & MANAGEMENT	29.1	28.9
FARM LABOR CONTRACTORS	28.9	27.2
FARM MANAGEMENT SERVICES	31.8	43.5

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	7.17	7.24
TOTAL AGRIC. PROD. CROPS	6.94	7.00
VEGETABLES AND MELONS	6.71	6.67
TOTAL FRUIT AND TREE NUTS	6.84	7.08
BERRIES	5.87	6.62
GRAPES	8.39	8.13
DECIDUOUS TREE FRUIT	5.79	5.72
OTHER FRUITS AND NUTS	7.97	7.30
TOTAL HORTICULTURAL SPECIALTIES	7.17	7.18
ORNAMENTAL FLORAL & NURS PRD	6.66	6.64
FOOD CROPS GROWN UNDR COVER	8.57	8.56
GENERAL FARM PRIMARILY CROP	6.67	6.73
TOTAL AGRIC. PROD. LIVESTOCK	7.73	7.50
TOTAL AGRICULTURAL SERVICES	7.62	7.65
CROP SERVICES	7.67	7.55
CROP HARVEST PRIM. MACHINE	7.22	6.65
CROP PREP. SERV. FOR MARKET	7.98	7.93
TOTAL FARM LABOR & MANAGEMENT	7.54	7.81
FARM LABOR CONTRACTORS	7.35	7.57
FARM MANAGEMENT SERVICES	9.07	9.13

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
DESERT REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	44.2	43.7	36.8
TOTAL AGRIC. PROD. CROPS	11.7	13.5	13.0
FIELD CROPS	1.6	1.5	1.5
VEGETABLES AND MELONS	2.9	3.0	4.3
TOTAL FRUIT AND TREE NUTS	2.9	4.7	2.7
GRAPES	1.2	2.5	0.9
CITRUS FRUITS	0.7	0.7	1.0
OTHER FRUITS AND NUTS	1.0	1.5	0.8
HORTICULTURAL SPECIALTIES	1.0	1.2	0.9
GENERAL FARM PRIMARILY CROP	3.3	3.1	3.6
TOTAL AGRIC. PROD. LIVESTOCK	5.5	5.9	5.2
DAIRY FARMS	2.4	2.4	2.4
CHICKEN EGGS	1.4	1.7	1.4
OTHER LIVESTOCK	1.7	1.8	1.4
TOTAL AGRICULTURAL SERVICES	27.0	24.3	18.6
CROP SERVICES	9.5	9.3	6.7
CROP PLANT-CULT-PROTECTION	0.8	0.6	0.8
CROP HARVEST PRIM. MACHINE	1.1	1.7	0.8
CROP PREP. SERV. FOR MARKET	7.6	7.0	5.1
TOTAL FARM LABOR & MANAGEMENT	17.5	15.0	11.9

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	40.3	39.3
TOTAL AGRIC. PROD. CROPS	10.3	12.1
FIELD CROPS	1.3	1.2
VEGETABLES AND MELONS	2.8	2.9
TOTAL FRUIT AND TREE NUTS	2.5	4.4
GRAPES	1.0	2.3
CITRUS FRUITS	0.6	0.7
OTHER FRUITS AND NUTS	0.9	1.4
HORTICULTURAL SPECIALTIES	0.8	1.0
GENERAL FARM PRIMARILY CROP	2.9	2.6
TOTAL AGRIC. PROD. LIVESTOCK	4.7	4.7
DAIRY FARMS	2.3	2.3
CHICKEN EGGS	1.0	1.0
OTHER LIVESTOCK	1.4	1.4
TOTAL AGRICULTURAL SERVICES	25.3	22.5
CROP SERVICES	8.8	8.5
CROP PLANT-CULT-PROTECTION	0.7	0.5
CROP HARVEST PRIM. MACHINE	0.9	1.5
CROP PREP. SERV. FOR MARKET	7.2	6.5
TOTAL FARM LABOR & MANAGEMENT	16.5	14.0

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	221.55	217.30
TOTAL AGRIC. PROD. CROPS	245.43	229.71
FIELD CROPS	285.15	255.59
VEGETABLES AND MELONS	232.70	216.78
TOTAL FRUIT AND TREE NUTS	223.03	202.21
GRAPES	187.02	180.31
CITRUS FRUITS	255.93	234.72
OTHER FRUITS AND NUTS	241.13	221.57
HORTICULTURAL SPECIALTIES	289.15	243.75
GENERAL FARM PRIMARILY CROP	249.08	239.57
TOTAL AGRIC. PROD. LIVESTOCK	395.91	413.17
DAIRY FARMS	470.93	486.19
CHICKEN EGGS	262.40	250.84
OTHER LIVESTOCK	365.45	337.71
TOTAL AGRICULTURAL SERVICES	179.07	169.86
CROP SERVICES	240.01	235.22
CROP PLANT-CULT-PROTECTION	266.55	232.97
CROP HARVEST PRIM. MACHINE	132.98	192.38
CROP PREP. SERV. FOR MARKET	251.43	244.97
TOTAL FARM LABOR & MANAGEMENT	146.49	130.03

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	35.0	33.9
TOTAL AGRIC. PROD. CROPS	40.3	39.2
FIELD CROPS	46.9	41.9
VEGETABLES AND MELONS	40.4	38.3
TOTAL FRUIT AND TREE NUTS	35.8	36.9
GRAPES	33.1	37.1
CITRUS FRUITS	35.3	33.2
OTHER FRUITS AND NUTS	39.4	38.4
HORTICULTURAL SPECIALTIES	42.9	39.0
GENERAL FARM PRIMARILY CROP	40.7	37.2
TOTAL AGRIC. PROD. LIVESTOCK	48.4	49.6
DAIRY FARMS	48.3	47.9
CHICKEN EGGS	44.4	43.7
OTHER LIVESTOCK	51.4	47.1
TOTAL AGRICULTURAL SERVICES	30.3	27.8
CROP SERVICES	38.9	38.0
CROP PLANT-CULT-PROTECTION	46.6	38.7
CROP HARVEST PRIM. MACHINE	24.4	34.6
CROP PREP. SERV. FOR MARKET	40.1	38.7
TOTAL FARM LABOR & MANAGEMENT	25.7	21.6

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	6.33	6.41
TOTAL AGRIC. PROD. CROPS	6.09	5.86
FIELD CROPS	6.08	6.10
VEGETABLES AND MELONS	5.76	5.66
TOTAL FRUIT AND TREE NUTS	6.23	5.48
GRAPES	5.65	4.86
CITRUS FRUITS	7.25	7.07
OTHER FRUITS AND NUTS	6.12	5.77
HORTICULTURAL SPECIALTIES	6.74	6.25
GENERAL FARM PRIMARILY CROP	6.12	6.44
TOTAL AGRIC. PROD. LIVESTOCK	8.18	8.33
DAIRY FARMS	9.75	10.15
CHICKEN EGGS	5.91	5.74
OTHER LIVESTOCK	7.11	7.17
TOTAL AGRICULTURAL SERVICES	5.91	6.11
CROP SERVICES	6.17	6.19
CROP PLANT-CULT-PROTECTION	5.72	6.02
CROP HARVEST PRIM. MACHINE	5.45	5.56
CROP PREP. SERV. FOR MARKET	6.27	6.33
TOTAL FARM LABOR & MANAGEMENT	5.70	6.02

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	20.6	20.7	17.4
TOTAL AGRIC. PROD. CROPS	14.2	14.7	12.0
RICE	1.0	1.0	0.8
VEGETABLES AND MELONS	0.6	0.5	0.6
TOTAL FRUIT AND TREE NUTS	6.9	6.6	5.6
TREE NUTS	1.8	1.7	1.4
DECIDUOUS TREE FRUIT	2.6	2.6	2.4
OTHER FRUITS AND NUTS	2.5	2.3	1.8
HORTICULTURAL SPECIALTIES	1.7	3.1	1.6
GENERAL FARM PRIMARILY CROP	4.0	3.5	3.4
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.8	1.9
TOTAL AGRICULTURAL SERVICES	4.5	4.2	3.5
CROP SERVICES	2.1	1.9	1.8
CROP HARVEST PRIM. MACHINE	0.6	0.5	0.6
CROP PREP. SERV. FOR MARKET	1.5	1.4	1.2
TOTAL FARM LABOR & MANAGEMENT	2.4	2.3	1.7

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	18.0	18.5
TOTAL AGRIC. PROD. CROPS	12.4	13.3
RICE	0.8	0.8
VEGETABLES AND MELONS	0.5	0.5
TOTAL FRUIT AND TREE NUTS	6.2	6.1
TREE NUTS	1.6	1.6
DECIDUOUS TREE FRUIT	2.4	2.5
OTHER FRUITS AND NUTS	2.2	2.0
HORTICULTURAL SPECIALTIES	1.4	2.9
GENERAL FARM PRIMARILY CROP	3.5	3.0
TOTAL AGRIC. PROD. LIVESTOCK	1.7	1.7
TOTAL AGRICULTURAL SERVICES	3.9	3.5
CROP SERVICES	1.7	1.5
CROP HARVEST PRIM. MACHINE	0.4	0.3
CROP PREP. SERV. FOR MARKET	1.3	1.2
TOTAL FARM LABOR & MANAGEMENT	2.2	2.0

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	252.97	249.77
TOTAL AGRIC. PROD. CROPS	254.65	248.67
RICE	430.91	380.42
VEGETABLES AND MELONS	309.46	283.55
TOTAL FRUIT AND TREE NUTS	234.68	226.20
TREE NUTS	250.86	230.54
DECIDUOUS TREE FRUIT	236.93	224.37
OTHER FRUITS AND NUTS	218.86	226.04
HORTICULTURAL SPECIALTIES	251.13	237.62
GENERAL FARM PRIMARILY CROP	243.36	249.42
TOTAL AGRIC. PROD. LIVESTOCK	330.17	341.54
TOTAL AGRICULTURAL SERVICES	213.30	211.30
CROP SERVICES	200.96	187.58
CROP HARVEST PRIM. MACHINE	159.96	120.74
CROP PREP. SERV. FOR MARKET	212.16	194.68
TOTAL FARM LABOR & MANAGEMENT	223.84	229.08

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN FEB 1991
TOTAL AGRICULTURAL	41.2	39.9
TOTAL AGRIC. PROD. CROPS	42.3	40.5
RICE	59.6	48.4
VEGETABLES AND MELONS	43.1	35.4
TOTAL FRUIT AND TREE NUTS	41.1	38.8
TREE NUTS	45.2	42.3
DECIDUOUS TREE FRUIT	40.5	37.9
OTHER FRUITS AND NUTS	38.6	37.3
HORTICULTURAL SPECIALTIES	40.9	38.7
GENERAL FARM PRIMARILY CROP	40.9	41.5
TOTAL AGRIC. PROD. LIVESTOCK	44.2	45.6
TOTAL AGRICULTURAL SERVICES	36.4	35.1
CROP SERVICES	32.0	30.6
CROP HARVEST PRIM. MACHINE	24.8	19.6
CROP PREP. SERV. FOR MARKET	34.0	31.4
TOTAL FARM LABOR & MANAGEMENT	39.9	38.5

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	6.14	6.26
TOTAL AGRIC. PROD. CROPS	6.02	6.14
RICE	7.23	7.86
VEGETABLES AND MELONS	7.18	8.01
TOTAL FRUIT AND TREE NUTS	5.71	5.83
TREE NUTS	5.55	5.45
DECIDUOUS TREE FRUIT	5.85	5.92
OTHER FRUITS AND NUTS	5.67	6.06
HORTICULTURAL SPECIALTIES	6.14	6.14
GENERAL FARM PRIMARILY CROP	5.95	6.01
TOTAL AGRIC. PROD. LIVESTOCK	7.47	7.49
TOTAL AGRICULTURAL SERVICES	5.86	6.02
CROP SERVICES	6.28	6.13
CROP HARVEST PRIM. MACHINE	6.45	6.16
CROP PREP. SERV. FOR MARKET	6.24	6.20
TOTAL FARM LABOR & MANAGEMENT	5.61	5.95

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991	FEB 1990
TOTAL AGRICULTURAL	11.7	10.6	11.2
TOTAL AGRIC. PROD. CROPS	8.5	7.6	8.0
TOTAL FRUIT AND TREE NUTS	6.5	5.9	6.4
GRAPES	5.2	4.7	5.0
OTHER FRUITS AND NUTS	1.3	1.2	1.4
TOTAL HORTICULTURAL SPECIALTIES	1.7	1.4	1.3
GENERAL FARM PRIMARILY CROP <u>1/</u>	0.3	0.3	0.3
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.9	1.9
TOTAL AGRICULTURAL SERVICES	1.3	1.1	1.3

1/ INSUFFICIENT SAMPLE FOR ESTIMATING PRODUCTION WORKERS, OR HOURS AND EARNINGS DATA.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	9.4	8.6
TOTAL AGRIC. PROD. CROPS	6.8	6.1
TOTAL FRUIT AND TREE NUTS	5.0	4.6
GRAPES	3.9	3.5
OTHER FRUITS AND NUTS	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.5	1.2
TOTAL AGRIC. PROD. LIVESTOCK	1.5	1.5
TOTAL AGRICULTURAL SERVICES	1.1	1.0

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	292.45	313.38
TOTAL AGRIC. PROD. CROPS	276.31	290.05
TOTAL FRUIT AND TREE NUTS	287.36	299.48
GRAPES	300.96	311.41
OTHER FRUITS AND NUTS	238.14	259.33
TOTAL HORTICULTURAL SPECIALTIES	248.62	275.84
TOTAL AGRIC. PROD. LIVESTOCK	331.06	311.89
TOTAL AGRICULTURAL SERVICES	334.18	460.31

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	41.6	44.2
TOTAL AGRIC. PROD. CROPS	39.7	41.2
TOTAL FRUIT AND TREE NUTS	39.8	42.6
GRAPES	39.6	41.8
OTHER FRUITS AND NUTS	40.5	45.1
TOTAL HORTICULTURAL SPECIALTIES	40.1	38.1
TOTAL AGRIC. PROD. LIVESTOCK	48.4	47.4
TOTAL AGRICULTURAL SERVICES	43.4	57.9

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1991	JAN 1991
TOTAL AGRICULTURAL	7.03	7.09
TOTAL AGRIC. PROD. CROPS	6.96	7.04
TOTAL FRUIT AND TREE NUTS	7.22	7.03
GRAPES	7.60	7.45
OTHER FRUITS AND NUTS	5.88	5.75
TOTAL HORTICULTURAL SPECIALTIES	6.20	7.24
TOTAL AGRIC. PROD. LIVESTOCK	6.84	6.58
TOTAL AGRICULTURAL SERVICES	7.70	7.95